

CLAIMS

1. A data processor connected to a network, to which a database and a server are also connected,

5 the database being provided to store program specific information, which is made up of a number of parameters to designate a particular program,

the server being provided to search the program specific information in the database by reference to searching data,
10 thereby extracting at least one of the parameters,

the data processor comprising:

a user interfacing section for receiving searching data on a program to be recorded from the user;

a control section for transmitting the searching data to
15 the server and receiving a parameter that has been extracted by the server; and

a recording section for recording the received parameter and the program to be recorded on a storage medium so that the parameter and the program are associated with each other.

2. The data processor of claim 1, wherein the database stores, as the parameters, title information representing the title of a program, broadcaster information identifying the broadcaster of the program, and date/time information showing
5 date and time, and

wherein the user interfacing section gets, as the searching data, information on the broadcaster and scheduled broadcasting date and time of the program to be recorded, and

wherein the control section receives the title
10 information that has been extracted by the server by reference to the searching data.

3. The data processor of claim 2, wherein the user interfacing section gets date/time information specifying a
15 predetermined period, and

wherein the control section receives the title information of programs to be broadcast during the predetermined period from the broadcaster identified by the broadcaster information.

4. The data processor of claim 3, wherein the recording section records the title information of the programs and the programs themselves during the predetermined period so that the programs and the title information are associated with each other.

5. The data processor of claim 2, wherein the user interfacing section gets date/time information represented by a specified time, and

10 wherein the control section receives the title information of a program to be broadcast during a broadcasting period, including the specified time, by the broadcaster identified by the broadcaster information.

15 6. The data processor of claim 5, wherein the control section further receives parameters specifying start and end times of the broadcasting period of the program from the server, and

wherein the recording section records the title information of the program and the program itself during the

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broadcasting period, specified by the parameters, so that the program and the title information are associated with each other.

5 7. The data processor of claim 3, wherein the database further stores an identifier, which identifies each said program from the other programs, as another parameter making up the program specific information, and

 wherein the control section receives not only the title
10 information of the program but also the identifier thereof, transmits the identifier to the server before the predetermined period begins so as to receive the date/time information of the program, having the identifier, from the server, and determines whether or not the received date/time
15 information shows the same period of time as the predetermined period, and

 wherein if the date/time information shows the same period of time as the predetermined period, then the recording section records the title information of the
20 program and the program itself during the predetermined

period.

8. The data processor of claim 3, wherein the database further stores an identifier, which identifies each said
5 program from the other programs, as another parameter making up the program specific information, and

wherein the control section receives not only the title information of the program but also the identifier thereof, transmits the identifier to the server before the
10 predetermined period begins so as to receive the date/time information of the program, having the identifier, from the server, and determines whether or not the received date/time information shows the same period of time as the predetermined period, and

15 wherein unless the date/time information shows the same period of time as the predetermined period, the predetermined period is changed in accordance with updated date/time information that has been obtained after the identifier was transmitted.

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9. The data processor of claim 2, wherein the database further stores additional information on at least one of the contents, performers and category of the program as another parameter, and

5 wherein the control section receives the additional information that has been further extracted by the server by reference to the searching data.

10 10. A data processing method for use in a data processor connected to a network, to which a database and at least one server are also connected,

the database being provided to store program specific information, which is made up of a number of parameters to designate a particular program,

15 the at least one server being provided to search the program specific information in the database by reference to searching data, thereby extracting at least one of the parameters,

the method comprising the steps of:

20 receiving searching data on a program to be recorded from

the user;

transmitting the searching data to the server and
receiving a parameter that has been extracted by the server;
and

5 recording the received parameter and the program to be
recorded on a storage medium so that the parameter and the
program are associated with each other.

11. The data processing method of claim 10, wherein the
10 database stores, as the parameters, title information
representing the title of a program, broadcaster information
identifying the broadcaster of the program, and date/time
information showing date and time, and

wherein the step of receiving the searching data
15 includes getting, as the searching data, information on the
broadcaster and scheduled broadcasting date and time of the
program to be recorded, and

wherein the step of receiving the parameter includes
receiving the title information that has been extracted by
20 the server by reference to the searching data.

12. The data processing method of claim 11, wherein the step of receiving the searching data includes getting date/time information specifying a predetermined period, and

5 wherein the step of receiving the parameter includes receiving the title information of programs to be broadcast during the predetermined period from the broadcaster identified by the broadcaster information.

10 13. The data processing method of claim 12, wherein the step of recording includes recording the title information of the programs and the programs themselves during the predetermined period so that the programs and the title information are associated with each other.

15 14. The data processing method of claim 11, wherein the step of receiving the searching data includes getting date/time information represented by a specified time, and

wherein the step of receiving the parameter includes
20 receiving the title information of a program to be broadcast

during a broadcasting period, including the specified time,
by the broadcaster identified by the broadcaster information.

15. The data processing method of claim 14, wherein the
5 step of receiving the parameter further includes receiving
parameters specifying start and end times of the broadcasting
period of the program from the server, and

wherein the step of recording includes recording the
title information of the program and the program itself
10 during the broadcasting period, specified by the parameters,
so that the program and the title information are associated
with each other.

16. The data processing method of claim 12, wherein the
15 database further stores an identifier, which identifies each
said program from the other programs, as another parameter
making up the program specific information, and

wherein the step of receiving the parameter includes the
steps of:

20 receiving not only the title information of the program

but also the identifier thereof;

transmitting the identifier to the server before the
predetermined period begins so as to receive the date/time
information of the program, having the identifier, from the
5 server; and

determining whether or not the received date/time
information shows the same period of time as the
predetermined period, and

wherein if the date/time information shows the same
10 period of time as the predetermined period, then the step of
recording includes recording the title information of the
program and the program itself during the predetermined
period.

15 17. The data processing method of claim 12, wherein the
database further stores an identifier, which identifies each
said program from the other programs, as another parameter
making up the program specific information, and

wherein the step of receiving the parameter includes the
20 steps of:

receiving not only the title information of the program
but also the identifier thereof;

transmitting the identifier to the server before the
predetermined period begins so as to receive the date/time
5 information of the program, having the identifier, from the
server; and

determining whether or not the received date/time
information shows the same period of time as the
predetermined period, and

10 wherein unless the date/time information shows the same
period of time as the predetermined period, the step of
receiving the parameter further includes the step of changing
the predetermined period in accordance with updated date/time
information that has been obtained after the identifier was
15 transmitted.

18. The data processing method of claim 11, wherein the
database further stores additional information on at least one
of the contents, performers and category of the program as
20 another parameter, and

wherein the step of receiving the parameter includes receiving the additional information that has been further extracted by the server by reference to the searching data.